

**Flood Control Project Maintenance
Levee Inspections**

Fall 2007 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including Boat Survey Erosion

San Joaquin River Basin

RD0544	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 0544	U	10.30				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	3.02	0.01	3.06	29.71%		
Trim / Thin Trees	0.69		0.69	6.70%		
Encroachments	0.56	0.24	1.52	14.76%	0.74	
Animal Control	1.36		1.36	13.20%		
Slope Stability	0.02		0.02	0.19%		
Erosion / Bank Caving	0.12		0.12	1.17%		
Erosion Areas	0.01		0.01	0.10%		
<i>LMA Totals:</i>	5.78	0.25	6.78	65.83%	0.74	0.00

Unit No. 01 San Joaquin River	Overall Unit Rating	Total Unit Miles				
	U	6.10				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	2.03		2.03	33.28%		
Trim / Thin Trees	0.46		0.46	7.54%		
Encroachments	0.24	0.24	1.20	19.67%	0.60	
Animal Control	0.93		0.93	15.25%		
Slope Stability	0.01		0.01	0.16%		
Erosion / Bank Caving	0.12		0.12	1.97%		
Erosion Areas	0.01		0.01	0.16%		
<i>Unit Totals:</i>	3.80	0.24	4.76	78.03%	0.60	0.00

Unit No. 02 Old River	Overall Unit Rating	Total Unit Miles				
	U	4.20				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
Vegetation	0.99	0.01	1.03	24.52%		
Trim / Thin Trees	0.23		0.23	5.48%		
Encroachments	0.32		0.32	7.62%	0.14	
Animal Control	0.43		0.43	10.24%		
Slope Stability	0.01		0.01	0.24%		
<i>Unit Totals:</i>	1.98	0.01	2.02	48.10%	0.14	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2007 Levee Inspection Results

Reclamation District No. 0544

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			U	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Reclamation District No. 0544

Waterway		Bank	Unit Miles
Unit No. 01 San Joaquin River		Left	6.10

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection				
DWR Inspector			Not Assigned	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

Check one:

☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.

☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to : DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Reclamation District No. 0544

Waterway	Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River	Left	6.10		Not Assigned

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.15	0.70	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		1
2	0.45	0.48	Earthen Levee	Encroachments	WS	M	Tree or limb	°	°		2
3	0.45	0.55	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		3
4	0.56	0.56	Interior Drainage & Piping Systems	Erosion Areas	WS	M		°	°		4
5	0.67	0.72	Earthen Levee	Encroachments	LS	PO	Landscaping	°	°		5
6	0.80	0.82	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		6
7	0.82	1.07	Earthen Levee	Encroachments	LS	PO	Fences	°	°		7
8	1.02	1.10	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		8
9	1.11	1.17	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	°	°		9
10	1.11	1.35	Earthen Levee	Encroachments	LS	PO	Fences	°	°		10
11	1.37	1.37	Earthen Levee	Encroachments	LS	M	Tree or limb	°	°		11
12	1.52	1.52	Earthen Levee	Slope Stability	WS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	°	°		12
13	1.59	1.70	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		13
14	1.60	1.75	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	°	°		14
15	1.74	1.80	Earthen Levee	Encroachments	LS	PO	Fences	°	°		15
16	1.75	1.75	Earthen Levee	Encroachments	WS	M	Tree or limb	°	°		16
17	1.98	2.18	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		17
18	2.28	2.35	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		18
19	2.32	2.35	Earthen Levee	Animal Control	WS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		19

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable PO : Partially Obstructing CO : Completely Obstructing N : Not Inspected
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Reclamation District No. 0544

Waterway						Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River						Left	6.10		Not Assigned

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
20	2.50	2.50	Earthen Levee	Encroachments	WS	M	Tree or limb	°	°		20
21	2.57	2.57	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		21
22	2.85	2.88	Earthen Levee	Encroachments	LS	M	Tree or limb	°	°		22
23	2.93	2.94	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	°	°		23
24	2.96	2.96	Earthen Levee	Encroachments	WS	M	Tree or limb	°	°		24
25	2.96	3.15	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		25
26	2.98	2.98	Earthen Levee	Encroachments	WS	M	Debris	°	°		26
27	3.24	3.31	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		27
28	3.24	3.35	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		28
29	3.25	3.26	Earthen Levee	Encroachments	WS	M	Debris	°	°		29
30	3.46	3.73	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		30
31	3.47	3.68	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		31
32	3.81	3.81	Earthen Levee	Encroachments	LS	M	Material	°	°		32
33	3.87	3.92	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	°	°		33
34	3.91	3.91	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	°	°		34
35	4.00	4.24	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		35
36	4.27	4.43	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight.	°	°		36
37	4.29	4.29	Earthen Levee	Encroachments	LS	M	Tree or limb	°	°		37
38	4.32	4.32	Earthen Levee	Encroachments	LS	M	Material	°	°		38

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Reclamation District No. 0544

Waterway						Bank	Unit Miles	Inspection Date	Inspector
Unit No. 01 San Joaquin River						Left	6.10		Not Assigned

LMR Line	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
39	4.34	4.37	Earthen Levee	Encroachments	WS	M	Tree or limb	°	°		39
								°	°		
40	4.40	4.40	Earthen Levee	Encroachments	LS	M	Tree or limb	°	°		40
								°	°		
41	4.46	4.70	Earthen Levee	Encroachments	WS	U	Tree or limb	°	°		41
								°	°		
42	4.50	4.50	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	°	°		42
								°	°		
43	4.70	4.70	Earthen Levee	Encroachments	LS	M	Debris	°	°		43
								°	°		
44	4.82	4.82	Earthen Levee	Encroachments	LS	M	Prunings	°	°		44
								°	°		
45	4.96	5.40	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	°	°		45
								°	°		
46	5.54	5.60	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	°	°		46
								°	°		
47	5.55	5.60	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		47
								°	°		
48	5.68	5.76	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		48
								°	°		
49	5.68	5.76	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	°	°		49
								°	°		
50	5.81	5.81	Earthen Levee	Vegetation	WS	M	Elderberries are blocking visibility and flood fight capability.	°	°		50
								°	°		
51	5.87	5.90	Earthen Levee	Encroachments	WS	M	Tree or limb	°	°		51
								°	°		
52	6.00	6.11	Earthen Levee	Erosion / Bank Caving	LS	M	Note and monitor erosion site.	°	°		52
								°	°		

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2007 Levee Inspection Results

Reclamation District No. 0544

Waterway		Bank	Unit Miles
Unit No. 02 Old River		Right	4.20

	Spring (March - May)	Summer (June - August)	Fall (September - November)	Winter (December - February)
Date of Inspection				
DWR Inspector			Not Assigned	
Accompanied By				
Unit Maintenance Rating (Fall Only)			U	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
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Comments

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3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000.

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Reclamation District No. 0544

Waterway						Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Old River						Right	4.20		Not Assigned

LMR Line	Levee Mile		Category	Item	Location*	Rating**	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
1	0.39	0.39	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	°	°		1
2	0.39	0.81	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		2
3	0.71	0.71	Earthen Levee	Vegetation	LS	U	Elderberries are blocking visibility and flood fight capability.	°	°		3
4	1.15	1.21	Earthen Levee	Encroachments	LS	PO	Fences	°	°		4
5	1.17	1.23	Earthen Levee	Encroachments	LS	PO	Equipment	°	°		5
6	1.23	1.23	Earthen Levee	Encroachments	LS	M	Prunings	°	°		6
7	1.27	1.50	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		7
8	1.32	1.40	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	°	°		8
9	1.41	1.42	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	°	°		9
10	1.44	1.44	Earthen Levee	Slope Stability	LS	M	Repair the levee slope damaged by vehicle traffic and prevent access where possible.	°	°		10
11	1.87	1.87	Earthen Levee	Encroachments	LS	M	Debris	°	°		11
12	1.91	1.97	Earthen Levee	Encroachments	LS	M	Garbage	°	°		12
13	2.11	2.12	Earthen Levee	Vegetation	LS	M	Elderberries are blocking visibility and flood fight capability.	°	°		13
14	2.23	2.23	Earthen Levee	Encroachments	WS	M	Tree or limb	°	°		14
15	2.25	2.45	Earthen Levee	Animal Control	LS	M	Exterminate rodents and backfill and compact or grout burrows.	°	°		15
16	2.80	3.28	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		16
17	3.22	3.22	Earthen Levee	Encroachments	WS	M	Tree or limb	°	°		17
18	3.26	3.48	Earthen Levee	Encroachments	LS	M	Agricultural Ditch	°	°		18
19	3.48	3.53	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	°	°		19

*** Location**

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WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2007

Reclamation District No. 0544

Waterway							Bank	Unit Miles	Inspection Date	Inspector
Unit No. 02 Old River							Right	4.20		Not Assigned

LMR Line	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Photo	Issue
	Start	End						Start	End		
20	3.50	3.52	Earthen Levee	Encroachments	LS	PO	Landscaping	°	°		20
								°	°		
21	3.68	3.78	Earthen Levee	Trim / Thin Trees	LS	M	Trim trees to at least five feet above ground level.	°	°		21
								°	°		
22	4.02	4.08	Earthen Levee	Vegetation	LS	M	Remove the wild growth other than native grasses from the levee slopes.	°	°		22
								°	°		

*** Location**

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**** Rating**

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